AUTODOC CLUB

How to change rear brake caliper on **Mercedes W201** – replacement guide

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
MERCEDES-BENZ 190 (W201) E 1.8 (201.018), MERCEDES-BENZ 190 (W201) E 2.0 (201.024), MERCEDES-BENZ 190 (W201) 2.0 (201.023), MERCEDES-BENZ 190 (W201) E 2.0, MERCEDES-BENZ 190 (W201) E 2.3-16 (201.034), MERCEDES-BENZ 190 (W201) E 2.3, MERCEDES-BENZ 190 (W201) E 2.3 (201.028), MERCEDES-BENZ 190 (W201) E 2.5-16, MERCEDES-BENZ 190 (W201) E 2.6, MERCEDES-BENZ 190 (W201) D 2.0 (201.122), MERCEDES-BENZ 190 (W201) D 2.5 (201.126), MERCEDES-BENZ 190 (W201) Turbo-D 2.5 (201.128), MERCEDES-BENZ 190 (W201) E 2.6 (201.029), MERCEDES-BENZ Saloon (W124) 200 2.0 (124.020), MERCEDES-BENZ Saloon (W124) 200 E 2.0 (124.021), (+ 92)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – MERCEDES W201. LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- High-temperature ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #9
- Combination spanner #17
- Flare nut spanner №14
- Wheel impact socket #17
- Crow bar
- Hammer
- Pin punch
- Brake hose clip
- Brake bleeder kit
- Wheel chock

BUY TOOLS

Replacement: brake caliper – Mercedes W201. Tip from AUTODOC:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- Please note: all work on the car – Mercedes W201 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Mercedes W201

6 Remove the wheel.

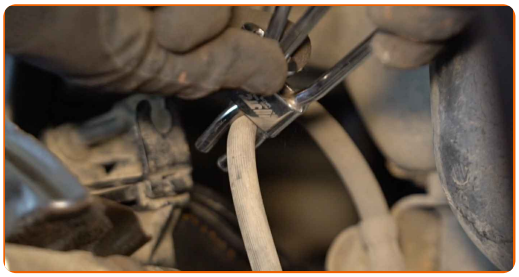
7 Remove the brake pads retaining clips. Use a pin punch. Use a hammer.

8 Remove the retaining spring of the brake pads.

9 Spread the brake pads. Use a crowbar.

10 Remove the brake pads. Use a crowbar.

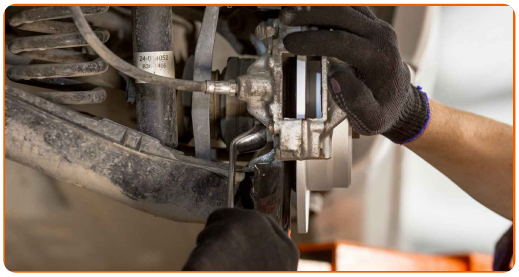
11 Clamp the brake hose off using a brake hose clamp.



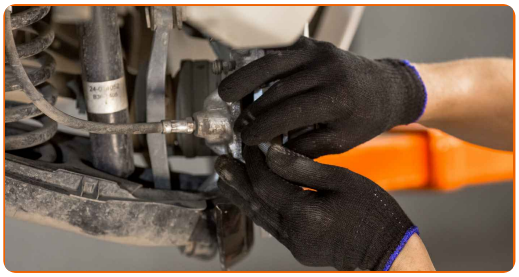
12 Loosen the brake hose fastening. Use a flare nut spanner #14.

13 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

14 Unscrew the brake caliper fasteners. Use a combination spanner #17.



15 Remove the brake caliper.



16 Disconnect the brake hose. Use a flare nut spanner #14.

17 Treat the brake hose. Use a brake cleaner.

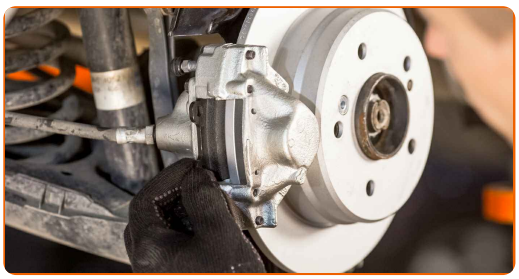
AUTODOC recommends:

- Replacement: brake caliper – Mercedes W201. After applying the spray, wait a few minutes.

18 Install and fix the brake hose into a new caliper.

19 Install the brake caliper and fix it. Use a combination spanner #17. Use a torque wrench. Tighten it to 25 Nm torque.

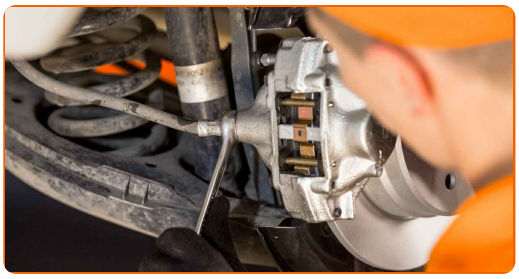
20 Install the brake pads.



21 Install the retaining spring of the brake pads.

22 Install the brake pads retaining clips. Use a pin punch. Use a hammer. Use a crowbar.

23 Tighten the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



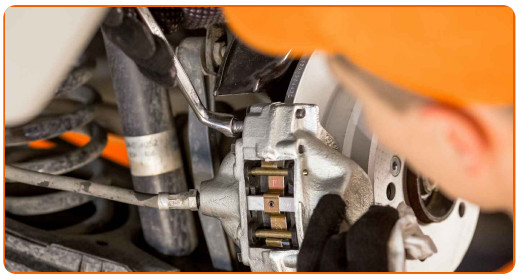
24 Remove the brake hose clamp.

25 Connect the brake bleeder kit to the brake bleeder screw.

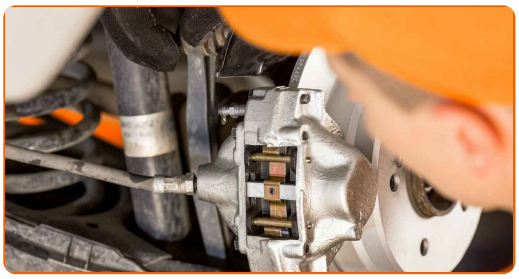
26 Undo the brake bleeder screw. Use a combination spanner #9.

27 Bleed the brake caliper system.

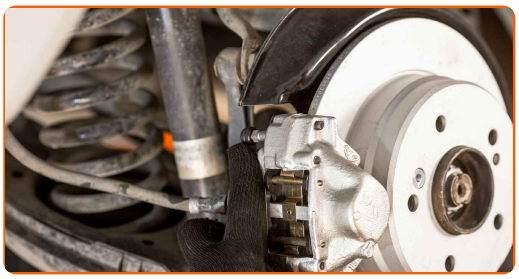
28 Tighten the brake caliper bleed screw. Use a combination spanner #9. Use a torque wrench. Tighten it to 7 Nm torque.



29 Disconnect the brake bleeder kit.



30 Clean dirt from the brake hose bolt. Use a brake cleaner.



Replacement: brake caliper – Mercedes W201. AUTODOC recommends:

- After applying the spray, wait a few minutes.

31 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.

32 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake caliper – Mercedes W201. After applying the spray, wait a few minutes.

33 Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W201

34 Screw in the wheel bolts. Use wheel impact socket #17.

35 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.

36 Remove the jacks and chocks.

Replacement: brake caliper – Mercedes W201. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

37 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake caliper – Mercedes W201. Tip:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

WELL DONE!

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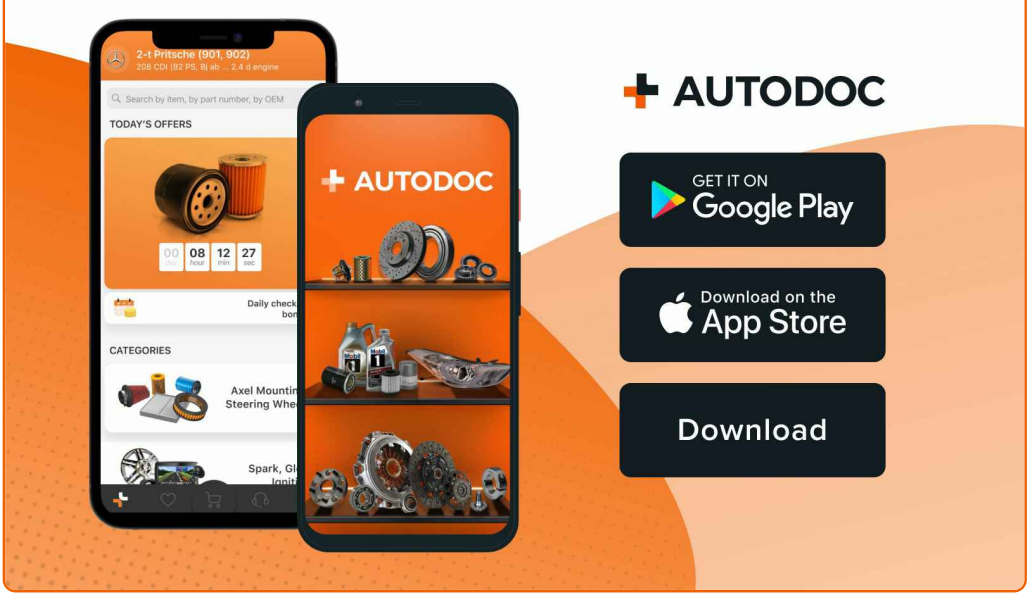

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